

PRODUCT DESCRIPTION

Product Number	RMH2319B-N
NSN	Not Assigned
Market	Military – Manpack/Handheld

This is a rugged antenna with gooseneck for manpack and handheld applications and is submersible to 20 meters of water depth.

ELECTRICAL SPECIFICATIONS

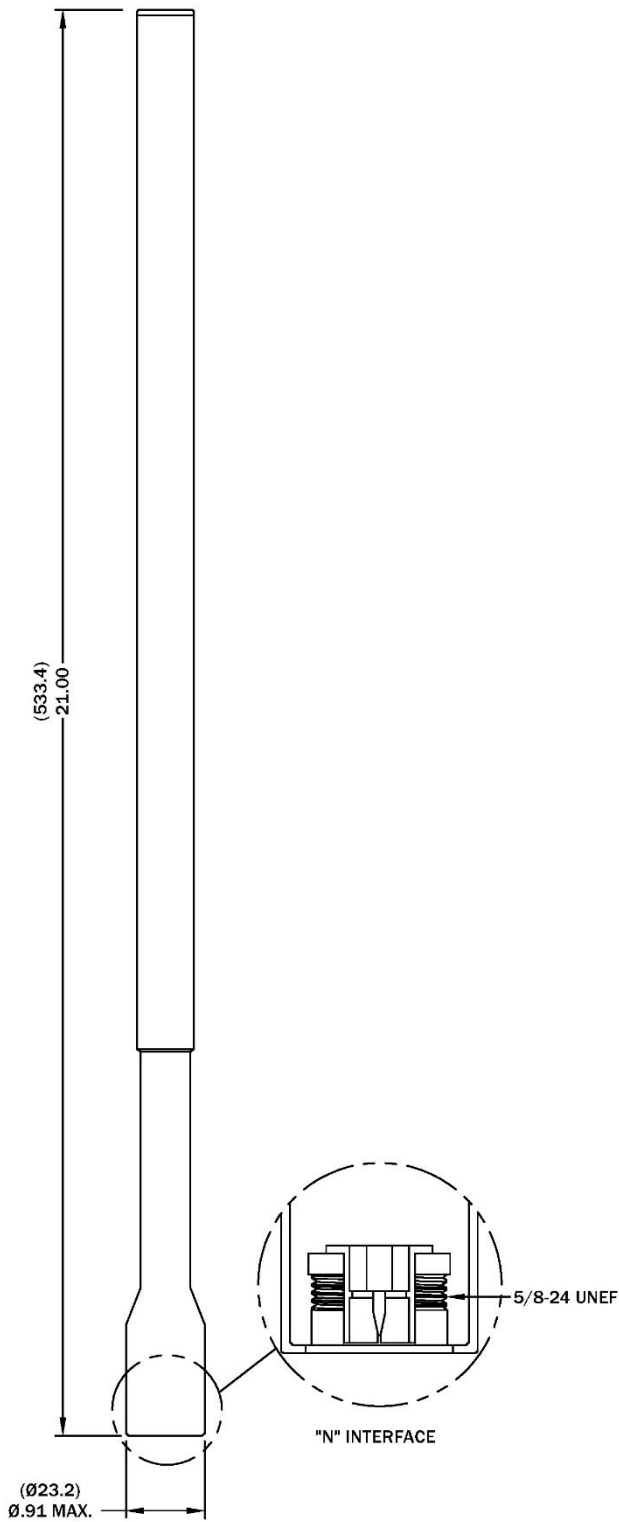
Antenna Class	Antenna Dipole
Frequency	225-512 MHz
Impedance	50 Ohms Nominal
VSWR	3:1 Maximum
Polarization	Vertical
Pattern	Omni-Directional
RF Power Handling	20 Watts CW
Gain	-1.0 to +1.0 dBi Typical
Connector	"N" Male

MECHANICAL SPECIFICATIONS

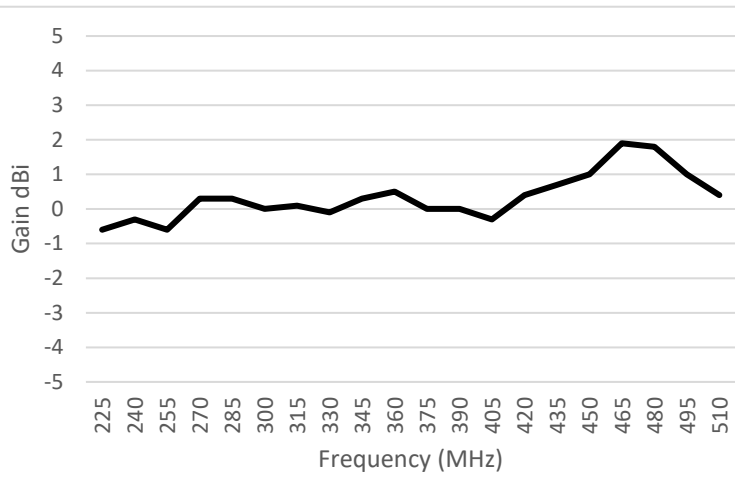
Height	21 in. (533.4 mm)
Weight	.55 lbs. (.25 kg)
Available Colors	Black

ENVIRONMENTAL SPECIFICATIONS (MIL STD-810G)

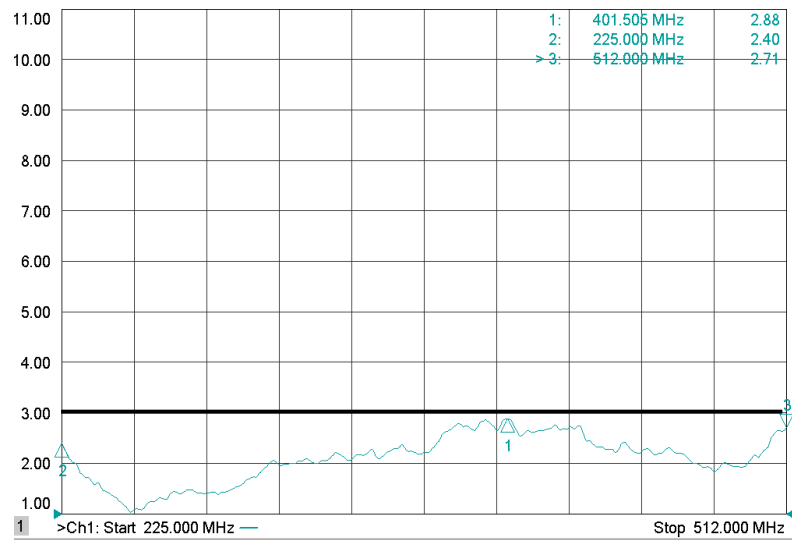
High Operating Temperature	+85 deg C Method 501.5 Proc. II
Low Operating Temperature	-40 deg C Method 502.5 Proc. II
High Temperature Storage	+85 deg C Method 501.5 Proc. I
Low Temperature Storage	-50 deg C Method 502.5 Proc. I
Humidity	Method 507.5 Proc. II
Salt Fog	Method 509.5
Vibration	Method 514.6 Proc. I
Immersion	Method 512.5 Proc. I
Rain	Method 506.4 Proc. II
Sand and Dust	Method 510.5 Proc. I
Solar Radiation	Method 505.5 Proc. I
Fungus	Method 508.5
Altitude	Method 500.5 Proc. I



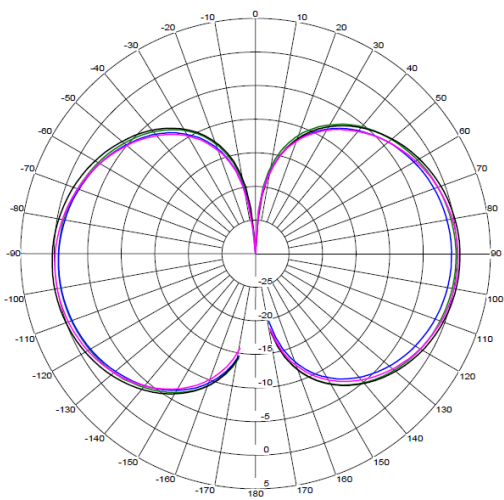
Gain (dBi) on MBITR II Radio Chassis



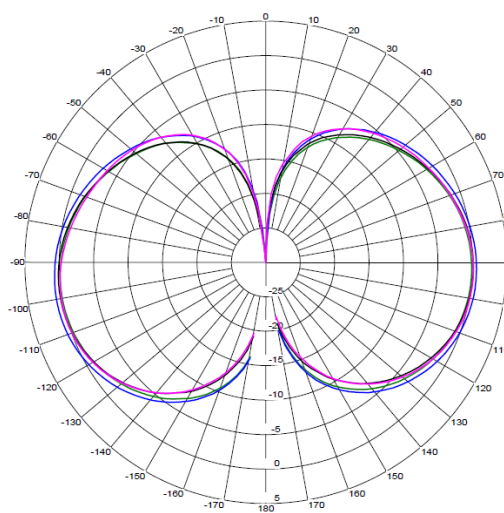
VSWR on MBITR II Radio Chassis



Overlays
Freq: 0.225 GHz
Freq: 0.250 GHz
Freq: 0.275 GHz
Freq: 0.300 GHz



Overlays
Freq: 0.325 GHz
Freq: 0.350 GHz
Freq: 0.375 GHz
Freq: 0.400 GHz



Overlays
Freq: 0.425 GHz
Freq: 0.450 GHz
Freq: 0.475 GHz
Freq: 0.500 GHz
Freq: 0.510 GHz

